

**MOTOROLA**  
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**CENTRAL FAX CENTER****NOV 08 2005**Motorola, Inc.  
Intellectual Property Section  
Law Department  
600 North U.S. Highway 45  
Libertyville, IL 60048**Telephone: (847) 523-2322****Facsimile: (847) 523-2350****3**

Number of Pages (including this page)

Date: 11/08/2005

To: Commissioner for Patents

Location: United States Patent and Trademark Office

Fax No.: (571) 273-8300

From: Hisashi D. Watanabe

Registration No. 37,465

Subject: Serial No. 10/015,419

Docket No. EN11348

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**MESSAGE:**

Enclosed herewith, please find:

- ☒ Request for Continued Examination Transmittal  
☒ Fee Transmittal Form  
☐ Petition for Extension of Time

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**OIPE/IAP****NOV 09 2005****PLEASE GIVE THESE PAPERS TO:**

|                 |                 |
|-----------------|-----------------|
| EXAMINER:       | Grier, Laura A. |
| GROUP ART UNIT: | 2644            |
| SERIAL NO.:     | 10/015,419      |
| FILED:          | 12/12/2001      |
| INVENTOR:       | Ramsden, Martin |

NOV 08 2005

|   |                        |                 |
|---|------------------------|-----------------|
| <b>REQUEST FOR<br/>CONTINUED EXAMINATION<br/>(RCE) TRANSMITTAL</b><br>Subsection (h) of 35 U.S.C. § 132, effective on May 29, 2000,<br>provides for continued examination of an utility or plant<br>application filed on or after June 8, 1995. | Application Number     | 10/015,419      |
|   | Filing Date            | 12/12/2001      |
|   | First Named Inventor   | Ramsden, Martin |
|   | Group Art Unit         | 2644            |
|   | Examiner Name          | Grier, Laura A. |
|   | Attorney Docket Number | EN11348         |

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.  
 Note: 37 C.F.R. § 1.114 is effective on May 29, 2000. If the above-identified application was filed prior to  
 May 29, 2000, applicant may wish to consider filing a continued prosecution application (CPA) under 37 C.F.R. § 1.53 (d)  
 (PTO/SB/29) instead of a RCE to be eligible for the patent term adjustment provisions of the AIPA. See changes to  
 Application Examination and Provisional Application Practice Interim Rule 65 Fed. Reg. 14865 (Mar. 20, 2000).  
 1233 Off. Gaz. Pat. Office 47 (April 11, 2000), which established RCE practice.

## 1. Submission required under 37 C.F.R. 1.114

- a. ☒ Previously submitted
- i. ☒ Consider the amendment(s)/reply under 37 C.F.R. 1.116 previously  
 filed on 10/14/2005 (Any unentered amendment(s) referred to above will be entered).
- ii. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously  
 filed on \_\_\_\_\_
- iii. ☐ Other \_\_\_\_\_
- b. ☐ Enclosed
- i. ☐ Amendment/Reply
- ii. ☐ Affidavit(s)/Declaration(s)
- iii. ☐ Information Disclosure Statement (IDS)
- iv. ☐ Other \_\_\_\_\_

2. ☐ Miscellaneous

- a. ☐ Suspension of Action on the above-identified application is requested under  
 37 C.F.R. 1.103(c) for a period of \_\_\_\_\_ months.  
 (Period of suspension shall not exceed 3 months; fee under 37 C.F.R. 1.117(i) required.)
- b. ☐ Other \_\_\_\_\_

3. ☒ Fees The RCE fee under 37 C.F.R. 1.117 (e) is required by 37 C.F.R. 1.114 when the RCE is filed.

- a. ☒ The Director is hereby authorized to charge the following fees, or credit any overpayments, to  
 Deposit Account No. 502117 Deposit Account Name: Motorola, Inc.
- i. ☒ RCE fee required under 37 C.F.R. 1.17(e)
- ii. ☐ Extension of time fee (37 C.F.R. 1.136 and 1.17)
- iii. ☒ Fee transmittal is enclosed
- b. ☐ Check in the amount of \$ \_\_\_\_\_ enclosed.
- c. ☐ Payment by credit card (Form PTO-2038 enclosed)

## SIGNATURE OF APPLICANT, ATTORNEY OR AGENT REQUIRED

Name (Printed/Type)  
Signature

Hisashi D. Watanabe

*Hisashi D. Watanabe*Reg. No. 37,465  
Date 11/08/05

## CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the USPTO to facsimile number (571) 273-8300  
 or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop:  
 RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on: 11/08/2005

Name Jennifer Magness

Signature

*Jennifer Magness*

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| <b>FEE TRANSMITTAL</b><br>Patent fees are subject to annual revision<br><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27  |                       |                       |                |  | <b>Complete if Known</b><br>Application Number: 10/015,419<br>Filing Date: 12/12/2001<br>First Named Inventor: Ramsden, Martin<br>Examiner Name: Grier, Laura A.<br>Group Art Unit: 2644<br>Attorney Docket No.: EN11348   |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
|---|-----------------------|-----------------------|----------------|--|--|-----------------------|--------------|-----------------------|--------------|------------------|-----------------|---------------|----------------|-----------------------|----------------|-----------------------|----------------|-----------------------|---------|-------------------------------------|------|-----|------|-----|-------------------------------------|------|--------|------|-----|---------------------------|------|------|------|------|---|------|------|------|------|--|------|-------|---------|-------|---|------|-----|------|-----|--|-------------|-----|------|-----|---|------|------|------|-----|--|------|------|------|-----|---|------|------|------|------|--|------|-----|------|-----|------------------|------|-----|------|-----|--|------|------|------|-----|--------------------------|------|------|------|------|---|------|-----|------|-----|----------------------------------|------|------|------|-----|------------------------------------|------|------|------|-----|--------------------------------|------|-----|------|-----|------------------|------|------|------|-----|-----------------|------|-----|------|-----|-------------------------------|------|----|------|----|-------------------------------------|------|-----|------|-----|-------------------|------|----|------|----|--|------|-----|------|-----|---|------|-----|------|-----|--|------|-----|------|-----|-----------------------------------|------|-----|------|-----|---|
| TOTAL AMOUNT OF PAYMENT (\$)  |                       |                       |                |  | 0.00   |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| METHOD OF PAYMENT (check all that apply)  |                       |                       |                |  | FEE CALCULATION (continued)  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| <input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None   |                       |                       |                |  | 4. ADDITIONAL FEES   |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| <input checked="" type="checkbox"/> Deposit Account:<br>Deposit Account Number: 502117<br>Deposit Account Name: Motorola, Inc.<br>The Director is authorized to: (check all that apply)<br><input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments<br><input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17<br><input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.  |                       |                       |                |  | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late Provisional filing</td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td></tr> <tr><td>1812</td><td>2520</td><td>1812</td><td>2520</td><td>For filing a request for ex parte Reexamination</td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>1805</td><td>1840*</td><td>1805</td><td>1840*</td><td>Requesting publication of SIR after Examiner action</td></tr> <tr><td>1251</td><td>120</td><td>2251</td><td>60</td><td>Extension for reply within first month</td></tr> <tr><td>1252</td><td>450</td><td>2252</td><td>225</td><td>Extension for reply within second month</td></tr> <tr><td>1253</td><td>1020</td><td>2253</td><td>510</td><td>Extension for reply within third month</td></tr> <tr><td>1254</td><td>1590</td><td>2254</td><td>795</td><td>Extension for reply within fourth month</td></tr> <tr><td>1255</td><td>2160</td><td>2255</td><td>1080</td><td>Extension for reply within fifth month</td></tr> <tr><td>1401</td><td>500</td><td>2401</td><td>250</td><td>Notice of Appeal</td></tr> <tr><td>1402</td><td>500</td><td>2402</td><td>250</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>1403</td><td>1000</td><td>2403</td><td>500</td><td>Request for oral hearing</td></tr> <tr><td>1451</td><td>1510</td><td>1451</td><td>1510</td><td>Petition to institute a public use proceeding</td></tr> <tr><td>1452</td><td>900</td><td>2452</td><td>250</td><td>Petition to revive - unavoidable</td></tr> <tr><td>1453</td><td>1500</td><td>2453</td><td>750</td><td>Petition to revive - unintentional</td></tr> <tr><td>1501</td><td>1400</td><td>2501</td><td>700</td><td>Utility issue fee (or reissue)</td></tr> <tr><td>1502</td><td>800</td><td>2502</td><td>400</td><td>Design issue fee</td></tr> <tr><td>1503</td><td>1100</td><td>2503</td><td>550</td><td>Plant issue fee</td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(a)</td></tr> <tr><td>1808</td><td>180</td><td>1808</td><td>180</td><td>Submission of IDS</td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>1809</td><td>790</td><td>2809</td><td>395</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td></tr> <tr><td>1810</td><td>790</td><td>2810</td><td>395</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td></tr> <tr><td>1801</td><td>790</td><td>2801</td><td>395</td><td>Request for Continued Examination</td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td></tr> </tbody> </table> |                       | Large Entity |                       | Small Entity |                  | Fee Description | Fee Code      | Fee (\$)       | Fee Code              | Fee (\$)       | 1051                  | 130            | 2051                  | 65      | Surcharge - late filing fee or oath | 1052 | 50  | 2052 | 25  | Surcharge - late Provisional filing | 1053 | 130    | 1053 | 130 | Non-English specification | 1812 | 2520 | 1812 | 2520 | For filing a request for ex parte Reexamination | 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | 1805 | 1840* | 1805    | 1840* | Requesting publication of SIR after Examiner action | 1251 | 120 | 2251 | 60  | Extension for reply within first month | 1252        | 450 | 2252 | 225 | Extension for reply within second month | 1253 | 1020 | 2253 | 510 | Extension for reply within third month | 1254 | 1590 | 2254 | 795 | Extension for reply within fourth month | 1255 | 2160 | 2255 | 1080 | Extension for reply within fifth month | 1401 | 500 | 2401 | 250 | Notice of Appeal | 1402 | 500 | 2402 | 250 | Filing a brief in support of an appeal | 1403 | 1000 | 2403 | 500 | Request for oral hearing | 1451 | 1510 | 1451 | 1510 | Petition to institute a public use proceeding | 1452 | 900 | 2452 | 250 | Petition to revive - unavoidable | 1453 | 1500 | 2453 | 750 | Petition to revive - unintentional | 1501 | 1400 | 2501 | 700 | Utility issue fee (or reissue) | 1502 | 800 | 2502 | 400 | Design issue fee | 1503 | 1100 | 2503 | 550 | Plant issue fee | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(a) | 1808 | 180 | 1808 | 180 | Submission of IDS | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | 1809 | 790 | 2809 | 395 | Filing a submission after final rejection (37 CFR § 1.129(a)) | 1810 | 790 | 2810 | 395 | For each additional invention to be examined (37 CFR § 1.129(b)) | 1801 | 790 | 2801 | 395 | Request for Continued Examination | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application |
| Large Entity  |                       | Small Entity          |                | Fee Description  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| Fee Code  | Fee (\$)              | Fee Code              | Fee (\$)       |  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1051  | 130                   | 2051                  | 65             | Surcharge - late filing fee or oath  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1052  | 50                    | 2052                  | 25             | Surcharge - late Provisional filing  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1053  | 130                   | 1053                  | 130            | Non-English specification  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1812  | 2520                  | 1812                  | 2520           | For filing a request for ex parte Reexamination                            |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1804  | 920*                  | 1804                  | 920*           | Requesting publication of SIR prior to Examiner action                     |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1805  | 1840*                 | 1805                  | 1840*          | Requesting publication of SIR after Examiner action                        |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1251  | 120                   | 2251                  | 60             | Extension for reply within first month                                     |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1252  | 450                   | 2252                  | 225            | Extension for reply within second month                                    |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1253  | 1020                  | 2253                  | 510            | Extension for reply within third month                                     |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1254  | 1590                  | 2254                  | 795            | Extension for reply within fourth month                                    |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1255  | 2160                  | 2255                  | 1080           | Extension for reply within fifth month                                     |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1401  | 500                   | 2401                  | 250            | Notice of Appeal   |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1402  | 500                   | 2402                  | 250            | Filing a brief in support of an appeal                                     |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1403  | 1000                  | 2403                  | 500            | Request for oral hearing   |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1451  | 1510                  | 1451                  | 1510           | Petition to institute a public use proceeding                              |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1452  | 900                   | 2452                  | 250            | Petition to revive - unavoidable   |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1453  | 1500                  | 2453                  | 750            | Petition to revive - unintentional   |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1501  | 1400                  | 2501                  | 700            | Utility issue fee (or reissue)   |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1502  | 800                   | 2502                  | 400            | Design issue fee   |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1503  | 1100                  | 2503                  | 550            | Plant issue fee  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1460  | 130                   | 1460                  | 130            | Petitions to the Commissioner  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1807  | 50                    | 1807                  | 50             | Processing fee under 37 CFR 1.17(a)  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1808  | 180                   | 1808                  | 180            | Submission of IDS  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 8021  | 40                    | 8021                  | 40             | Recording each patent assignment per property (times number of properties) |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1809  | 790                   | 2809                  | 395            | Filing a submission after final rejection (37 CFR § 1.129(a))              |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1810  | 790                   | 2810                  | 395            | For each additional invention to be examined (37 CFR § 1.129(b))           |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1801  | 790                   | 2801                  | 395            | Request for Continued Examination  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 1802  | 900                   | 1802                  | 900            | Request for expedited examination of a design application                  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| FEE CALCULATION   |                       |                       |                |  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| <b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b><br><table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Application Type</th> <th colspan="2">FILING FEES</th> <th colspan="2">SEARCH FEES</th> <th colspan="2">EXAMINATION FEES</th> <th rowspan="2">Fee Paid (\$)</th> </tr> <tr> <th>Large Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Large Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Large Fee (\$)</th> <th>Small Entity Fee (\$)</th> </tr> </thead> <tbody> <tr><td>Utility</td><td>300</td><td>150</td><td>500</td><td>250</td><td>200</td><td>100</td><td></td></tr> <tr><td>Design</td><td>200</td><td>100</td><td>100</td><td>50</td><td>130</td><td>65</td><td></td></tr> <tr><td>Plant</td><td>200</td><td>100</td><td>300</td><td>150</td><td>160</td><td>80</td><td></td></tr> <tr><td>Reissue</td><td>300</td><td>150</td><td>500</td><td>250</td><td>600</td><td>300</td><td></td></tr> <tr><td>Provisional</td><td>200</td><td>100</td><td>0</td><td>0</td><td>0</td><td>0</td><td></td></tr> </tbody> </table> |                       |                       |                |  | Application Type   | FILING FEES           |              | SEARCH FEES           |              | EXAMINATION FEES |                 | Fee Paid (\$) | Large Fee (\$) | Small Entity Fee (\$) | Large Fee (\$) | Small Entity Fee (\$) | Large Fee (\$) | Small Entity Fee (\$) | Utility | 300                                 | 150  | 500 | 250  | 200 | 100                                 |      | Design | 200  | 100 | 100                       | 50   | 130  | 65   |      | Plant   | 200  | 100  | 300  | 150  | 160  | 80   |       | Reissue | 300   | 150   | 500  | 250 | 600  | 300 |  | Provisional | 200 | 100  | 0   | 0                                       | 0    | 0    |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| Application Type  | FILING FEES           |                       | SEARCH FEES    |  |  | EXAMINATION FEES      |              | Fee Paid (\$)         |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
|   | Large Fee (\$)        | Small Entity Fee (\$) | Large Fee (\$) | Small Entity Fee (\$)  | Large Fee (\$)   | Small Entity Fee (\$) |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| Utility   | 300                   | 150                   | 500            | 250  | 200  | 100                   |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| Design  | 200                   | 100                   | 100            | 50   | 130  | 65                    |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| Plant   | 200                   | 100                   | 300            | 150  | 160  | 80                    |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| Reissue   | 300                   | 150                   | 500            | 250  | 600  | 300                   |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| Provisional   | 200                   | 100                   | 0              | 0  | 0  | 0                     |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| <b>2. EXTRA CLAIM FEES</b><br>Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent.<br>Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent.<br>Multiple Dependent Claims  |                       |                       |                |  | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Fee (\$)</th> <th>Small Entity Fee (\$)</th> </tr> </thead> <tbody> <tr><td>50</td><td>25</td></tr> <tr><td>200</td><td>100</td></tr> <tr><td>360</td><td>180</td></tr> </tbody> </table>   |                       | Fee (\$)     | Small Entity Fee (\$) | 50           | 25               | 200             | 100           | 360            | 180                   |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| Fee (\$)  | Small Entity Fee (\$) |                       |                |  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 50  | 25                    |                       |                |  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 200   | 100                   |                       |                |  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| 360   | 180                   |                       |                |  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| Total Claims: 20 or HP = <input type="text"/> x 50 = <input type="text"/> Fee Paid (\$): <input type="text"/><br>HP = highest number of total claims paid for, if greater than 3  |                       |                       |                |  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| Indep. Claims: <input type="text"/> x 200 = <input type="text"/> Fee Paid (\$): <input type="text"/><br>Extra Claims: <input type="text"/> x <input type="text"/> = <input type="text"/>  |                       |                       |                |  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| <b>3. APPLICATION SIZE FEE</b><br>If the specification and drawings exceed 100 sheets of paper, the application size fee is \$250 (\$125 for small entity).<br>For each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).   |                       |                       |                |  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| Total Sheets: <input type="text"/> Extra Sheets: <input type="text"/> Number of each additional 50 or fraction thereof: <input type="text"/> Fee (\$): <input type="text"/> Fee Paid (\$): <input type="text"/><br>- 100 = <input type="text"/> /50 = <input type="text"/> (round up to a whole number) x 250 = <input type="text"/>  |                       |                       |                |  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| <b>SUBMITTED BY</b><br>Name (Print/Type): Hisashi D. Watanabe<br>Signature: <i>Hisashi D. Watanabe</i>  |                       |                       |                |  | Registration No.: 37,465    Telephone: 847-523-2322<br>Date: 11/08/05  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |
| <b>5. OTHER FEE(S) (specify)</b><br>Non-English Specification, \$130 fee (no small entity discount)<br>Fee Paid (\$): <input type="text"/>  |                       |                       |                |  |  |                       |              |                       |              |                  |                 |               |                |                       |                |                       |                |                       |         |                                     |      |     |      |     |                                     |      |        |      |     |                           |      |      |      |      |   |      |      |      |      |  |      |       |         |       |   |      |     |      |     |  |             |     |      |     |   |      |      |      |     |  |      |      |      |     |   |      |      |      |      |  |      |     |      |     |                  |      |     |      |     |  |      |      |      |     |                          |      |      |      |      |   |      |     |      |     |                                  |      |      |      |     |                                    |      |      |      |     |                                |      |     |      |     |                  |      |      |      |     |                 |      |     |      |     |                               |      |    |      |    |                                     |      |     |      |     |                   |      |    |      |    |  |      |     |      |     |   |      |     |      |     |  |      |     |      |     |                                   |      |     |      |     |   |